



Patent  
CA7031042001

## DECLARATION Utility Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHOD AND SYSTEM FOR SOLVING SATISFIABILITY PROBLEMS** the specification of which

(Check One)

is attached hereto OR

was filed on February 27, 2004 as United States Application Serial No. 10/789,810 or PCT International Application No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Date of Filing	Priority Claimed	
			Yes	No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date
60/450,940	February 28, 2003

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I

acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

201	FULL NAME OF INVENTOR	FIRST Name Evgeni	MIDDLE Initial	LAST Name Goldberg
	RESIDENCE & CITIZENSHIP	City Berkeley	State or Foreign Country California	Country of Citizenship Belarus
	POST OFFICE ADDRESS	1223 Oxford Street	City Berkeley	State or Country California
INVENTOR'S SIGNATURE 		DATE Sep 27, 04		

202	FULL NAME OF INVENTOR	FIRST Name Yakov	MIDDLE Initial	LAST Name Novikov
	RESIDENCE & CITIZENSHIP	City Minsk	State or Foreign Country Belarus	Country of Citizenship Belarus
	POST OFFICE ADDRESS	Mogilevskaya st 6-4-135	City Minsk	State or Country Belarus
INVENTOR'S SIGNATURE		DATE		

203	FULL NAME OF INVENTOR	FIRST Name	MIDDLE Initial	LAST Name
	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship
	POST OFFICE ADDRESS		City	State or Country
INVENTOR'S SIGNATURE		DATE		



**DECLARATION OF JEFFREY S. SMITH IN SUPPORT OF PETITION UNDER 37 CFR  
1.47(a) FOR FILING WHEN AN INVENTOR REFUSES TO SIGN**

1. I, Jeffrey S. Smith, am a patent attorney with the East Palo Alto Office of the law firm of Bingham McCutcheon LLP.

2. On February 27, 2004, this application was submitted to the USPTO, and is now U.S. Application No. 10/789,810.

3. On April 23, 2004, I sent an e-mail message to the non-signing inventor Yakov Novikov, which included electronic versions of the application as filed, and the declaration. A copy of this e-mail message is attached as Exhibit C. A copy of the application as filed is attached as Exhibit D. A copy of the declaration is attached as Exhibit E.

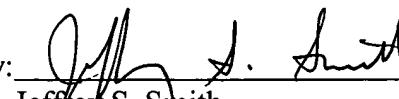
4. On September 17, 2004, I spoke with Yakov Novikov on the telephone to request for him to sign the declaration. Mr. Novikov confirmed his refusal to sign the declaration.

5. On September 20, 2004, I sent an e-mail message to Yakov Novikov, which included an electronic version of the declaration for this application, to confirm the fact that Yakov Novikov is refusing to sign the declaration. A copy of this e-mail message is attached as Exhibit F.

5. All statements made of my knowledge are true and all statements made on information and/or belief are believed to be true; and, further, these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and such willful false statements may jeopardize the validity of the application or any registration resulting therefrom.

DATE: September 27, 2004

Respectfully submitted,

By:   
Jeffrey S. Smith  
Registration No. 39,377

Bingham McCutchen LLP  
Three Embarcadero Center, Suite 1800  
San Francisco, California 94111  
Telephone: (650) 849-4422  
Telefax: (650) 849-4800

OCT 01 2004

PATENT & TRADEMARK OFFICE  
U.S. C.I.T.

**Smith, Jeffrey S.**

**From:** Smith, Jeffrey S.  
**Sent:** Friday, April 23, 2004 4:32 AM  
**To:** 'yakov\_nov@tut.by'  
**Cc:** Mei, Peter C.  
**Subject:** Patent application for solving satisfiability problems  
  
**Importance:** High



applicat.pdf

Hi Yakov,

Here is a copy of the patent application that we filed for A Method and System For Solving Satisfiability Problems on behalf of Eugene and you. Please read this patent application, sign the declaration and assignment, and fax them to me at (650) 849-4800. Call me if you would like to discuss anything, my home number is (408) 995-6576 and my office number is (650) 849-4422.

Regards,

Jeff

-----Original Message-----

From: Major, Linda  
To: Smith, Jeffrey S.  
Cc: Mei, Peter C.  
Sent: 4/21/04 7:12 PM  
Subject: Cadence; 7031042001; FORMAL DOCUMENTS FOR EXECUTION  
Importance: High

Title: METHOD AND SYSTEM FOR SOLVING SATISFIABILITY PROBLEMS

Inventors: Evgueni Goldberg and Yakov Novikov

Attached are the Declaration and Assignment for you to send to the inventors for execution. Also attached is the application as filed on 2/27/04.

<<declarat.pdf>> <<assignme.pdf>> <<applicat.pdf>>